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# foreign agriculture circular

livestock  
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## U.S. DAIRY BREEDING CATTLE EXPORTS REBOUND TO NEAR RECORD LEVELS

U.S. dairy cattle exports in 1977 totaled 72,305 head, up 15,989 head from the 1976 level of 56,316 and less than 1,000 head short of the record established in 1975. The total estimated value of 1977 shipments is \$57.6 million.

### Exports by Area

Smaller shipments to Mexico—in part because of devaluation of the peso—lowered U.S. exports to North America slightly. However, Costa Rica and El Salvador are building dairy herds and registered sizable increases in imports of U.S. breeding stock.

South American imports of U.S. dairy breeding stock were up from 1,441 head in 1977 to 2,815 head in 1977. Brazil, Colombia, Venezuela, and Peru were substantial importers.

Exports to Europe jumped to 9,587 in 1977 from 3,845 head in 1976. Hungary, again the biggest market, accounted for 7,270 in 1977 compared with only 1,531 in 1976.

Libya and Tanzania were the only importers of any significance on the African Continent, taking 412 and 143 head respectively.

In the Middle East, Iran was the leadin importer taking 9,512 head out of a total of 10,120 head of U.S. dairy breeding cattle exported to this area. Late in 1977 Iraq imported 348 head. Currently, Iraq is tendering for 600 head and indications are there will be additional tenders in 1978.

The Republic of Korea was the leading Asian importer, accounting for 11,308 of the 11,968 head of U.S. dairy breeding cattle exported to Asia. The Korean Government has made a strong commitment to building a dairy industry and has projected imports of dairy cattle in excess of 20,000 head per year through 1982. The Japanese market, taking 660 head in 1977, remained an important market for high quality dairy breeding stock.

### Exports by Breed

Holsteins were again the leading U.S. export breed, accounting for 68,098 head or 94.8 percent of total exports. Holsteins were followed by Brown Swiss, Jersey, Guernsey, and Ayrshire. The Holstein and Jersey breeds accounted for the 1977 increase in exports of 15,989 head. Holstein exports were up 16,015 head, while Jersey were up 528 head. Exports of Ayrshire, Guernsey, and Brown Swiss all declined in 1977 from the 1976 level.

### Exports by States

Forty-seven states plus Puerto Rico shared in the 1977 export market. Wisconsin, with the largest concentration of Holstein cattle in the United States, was again the leading exporter, accounting for 10,637 head. California was a close second with 10,181 head, followed by Missouri, Texas, and Minnesota. These five leading export States accounted for 51.8 percent of total exports.

### Outlook

World demand for U.S. dairy breeding stock continues to be strong. Exports of U.S. dairy breeding stock in 1978 could exceed 1977 exports of 72,305 head. Overall, shipments to Hungary are expected to be less, shipments to Korea, Iran, and Iraq are expected to register sizable gains. Demand in Central and South America is expected to remain active. The Mexican market continues to be strong. Total value of U.S. dairy cattle exports should show a substantial gain as prices in the United States have strengthened during the first and second quarters of 1978.

Data presented in this circular are based on health certificates issued by the USDA Animal and Plant Health Service for animals for export. Not all of these animals may have been exported.

TABLE 1.--DAIRY BREEDING CATTLE: INSPECTED FOR EXPORT FROM THE  
UNITED STATES, BY BREED, CALENDAR YEARS 1971 - 1977  
(HEAD)

BREED	1971	1972	1973	1974	1975	1976	1977
HOLSTEIN	11,949	17,145	31,750	54,292	67,283	52,083	68,098
BROWN SWISS	1,666	868	1,633	2,651	4,453	3,274	2,922
JERSEY	221	110	302	477	1,049	507	1,035
GUERNSEY	367	64	119	184	291	338	138
AYRSHIRE	320	489	183	128	201	114	112
<b>TOTAL</b>	<b>14,523</b>	<b>18,676</b>	<b>33,987</b>	<b>57,732</b>	<b>73,277</b>	<b>56,316</b>	<b>72,305</b>

Source: USDA Animal and Plant Health Service

MAY 1978

FOREIGN COMMODITY ANALYSIS, FAS, USDA

TABLE 2.--DAIRY BREEDING CATTLE INSPECTED FOR EXPORT FROM THE UNITED STATES  
BY COUNTRY OF DESTINATION, CALENDAR YEARS 1976 AND 1977 (HEAD)

CONTINENT AND COUNTRY OF DESTINATION	AYRSHIRE		BROWN SWISS		GUERNSEY		HOLSTEIN		JERSEY		TOTAL BREEDS	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
<b>NORTH AMERICA</b>												
MEXICO	0	0	1,909	344	175	3	32,061	27,800	294	305	34,439	28,452
COSTA RICA	9	0	294	677	24	1	1,165	2,899	136	506	1,628	4,083
CANADA	104	105	102	249	87	80	945	1,133	23	70	1,261	1,637
NICARAGUA	0	0	74	34	0	0	1,445	1,033	5	23	1,524	1,090
EL SALVADOR	0	0	5	122	0	0	491	646	0	10	496	778
JAMAICA AND DEP.	0	0	0	0	0	0	646	513	0	2	646	515
DOMINICAN REPUBLIC	0	7	39	144	0	0	117	277	1	23	157	451
GUATEMALA	0	0	0	99	0	0	0	0	0	16	0	115
HONDURAS	0	0	0	33	0	0	32	35	0	0	32	68
BERMUDA	0	0	0	5	0	0	16	33	0	1	16	39
HAITI	0	0	6	6	6	0	0	18	0	0	12	24
ANTIGUA ISLANDS	1	0	0	0	0	0	0	4	0	0	1	4
BAHAMAS	0	0	0	0	0	0	202	0	0	0	202	0
BRITISH WEST INDIES	0	0	0	0	0	0	43	0	0	0	43	0
PANAMA	0	0	174	0	4	0	198	0	1	0	377	0
TOTAL	114	112	2,603	1,713	296	84	37,361	34,391	460	956	40,834	37,256
<b>SOUTH AMERICA</b>												
BRAZIL	0	0	23	17	0	54	433	1,076	1	12	457	1,159
COLOMBIA	0	0	63	841	0	0	14	66	0	0	77	907
VEZUELA	0	0	233	156	42	0	74	180	0	0	349	336
PERU	0	0	235	74	0	0	185	193	0	0	420	267
ECUADOR	0	0	45	13	0	0	87	81	0	0	132	94
ARGENTINA	0	0	0	0	0	0	0	32	0	0	0	32
PARAGUAY	0	0	0	15	0	0	0	5	1	0	1	20
CHILE	0	0	0	0	0	0	5	0	0	0	5	0
TOTAL	0	0	599	1,116	42	54	798	1,633	2	12	1,441	2,815
<b>EUROPE</b>												
HUNGARY	0	0	0	0	0	0	1,531	7,270	0	0	1,531	7,270
YUGOSLAVIA	0	0	0	0	0	0	28	659	0	0	28	659
ITALY	0	0	10	79	0	0	808	558	43	0	861	637
PORTUGAL	0	0	0	0	0	0	16	344	0	0	16	344
GERMANY EAST	0	0	0	0	0	0	0	197	0	0	0	197
SPAIN	0	0	0	0	0	0	602	179	0	0	602	179
FRANCE	0	0	0	0	0	0	105	120	0	0	105	120
USSR	0	0	40	4	0	0	178	103	0	0	218	107
GERMANY WEST	0	0	0	0	0	0	35	36	0	0	35	36
NETHERLANDS	0	0	0	0	0	0	1	16	0	0	1	16
POLAND	0	0	0	0	0	0	61	14	0	0	61	14
AUSTRIA	0	0	0	8	0	0	0	0	0	0	0	8
BULGARIA	0	0	21	0	0	0	366	0	0	0	387	0
TOTAL	0	0	71	91	0	0	3,731	9,496	43	0	3,845	9,587
<b>AFRICA</b>												
LIBYA	0	0	0	0	0	0	0	412	0	0	0	412
TANZANIA	0	0	0	0	0	0	255	76	0	67	255	143
SOUTHWEST AFRICA	0	0	0	0	0	0	0	4	0	0	0	4
REP SOUTH AFRICA	0	0	0	0	0	0	35	0	0	0	35	0
NIGERIA	0	0	0	0	0	0	51	0	0	0	51	0
CAMEROONS	0	0	0	0	0	0	42	0	0	0	42	0
MOROCCO	0	0	0	0	0	0	17	0	0	0	17	0
TOTAL	0	0	0	0	0	0	400	492	0	67	400	559
<b>MIDDLE EAST</b>												
IRAN	0	0	1	0	0	0	7,337	9,512	0	0	7,338	9,512
IRAQ	0	0	0	0	0	0	0	348	0	0	0	348
DMAN	0	0	0	0	0	0	0	190	0	0	0	190
SAUDI ARABIA	0	0	0	0	0	0	0	70	0	0	0	70
TURKEY	0	0	0	0	0	0	82	0	0	0	82	0
TOTAL	0	0	1	0	0	0	7,419	10,120	0	0	7,420	10,120
<b>ASIA</b>												
KOREA, REP DF	0	0	0	2	0	0	1,854	11,306	0	0	1,854	11,308
JAPAN	0	0	0	0	0	0	520	660	2	0	522	660
TOTAL	0	0	0	2	0	0	2,374	11,966	2	0	2,376	11,968
GRAND TOTAL	114	112	3,274	2,922	338	138	52,083	68,098	507	1,035	56,316	72,305

Source: USDA Animal and Plant Health Service

TABLE 3.--DAIRY BREEDING CATTLE INSPECTED FOR EXPORT FROM THE  
UNITED STATES BY BREED, SEX, AND COUNTRY OF DESTINATION  
CALENDAR YEARS 1976 AND 1977 - (HEAD)

BREED AND DESTINATION COUNTRY	MALES 1976	MALES 1977	FEMALE 1976	FEMALE 1977	TOTAL 1976	TOTAL 1977
AYRSHIRE						
CANADA	12	4	92	101	104	105
DOMINICAN REPUBLIC	0	1	0	6	0	7
ANTIGUA ISLANDS	1	0	0	0	1	0
COSTA RICA	1	0	8	0	9	0
TOTAL	14	5	100	107	114	112
BROWN SWISS						
COLUMBIA	0	279	63	562	63	841
COSTA RICA	73	74	221	603	294	677
MEXICO	85	63	1,824	281	1,909	344
CANADA	4	13	98	236	102	249
VENEZUELA	75	25	158	131	233	156
DOMINICAN REPUBLIC	33	84	6	60	39	144
EL SALVADOR	0	69	5	53	5	122
GUATEMALA	0	14	0	85	0	99
ITALY	0	6	10	73	10	79
PERU	3	0	232	74	235	74
NICARAGUA	33	3	41	31	74	34
HONDURAS	0	33	0	0	0	33
BRAZIL	2	2	21	15	23	17
PARAGUAY	0	15	0	0	0	15
ECUADOR	2	13	43	0	45	13
AUSTRIA	0	0	0	8	0	8
HAITI	0	1	6	5	6	6
BERMUDA	0	0	0	5	0	5
USSR	22	4	18	0	40	4
KOREA, REP OF	0	0	0	2	0	2
IRAN	1	0	0	0	1	0
BULGARIA	8	0	13	0	21	0
PANAMA	133	0	41	0	174	0
TOTAL	474	698	2,800	2,224	3,274	2,922
GUERNSEY						
CANADA	13	3	74	77	87	80
BRAZIL	0	0	0	54	0	54
MEXICO	4	3	171	0	175	3
COSTA RICA	1	1	23	0	24	1
VENEZUELA	2	0	40	0	42	0
HAITI	1	0	5	0	6	0
PANAMA	0	0	4	0	4	0
TOTAL	21	7	317	131	338	138
HOLSTEIN						
MEXICO	29	23	32,032	27,777	32,061	27,800
KOREA, REP OF	2	4	1,852	11,302	1,854	11,306
IRAN	9	17	7,328	9,495	7,337	9,512
HUNGARY	17	11	1,514	7,259	1,531	7,270
COSTA RICA	9	6	1,156	2,893	1,165	2,899
CANADA	83	70	862	1,063	945	1,133
BRAZIL	36	126	397	950	433	1,076
NICARAGUA	0	1	1,445	1,032	1,445	1,033
JAPAN	2	6	518	654	520	660
YUGOSLAVIA	0	2	28	657	28	659
EL SALVADOR	2	14	489	632	491	646
ITALY	70	51	738	507	808	558
JAMAICA AND DEP	0	4	646	509	646	513
LIBYA	0	3	0	409	0	412
IRAQ	0	0	0	348	0	348
PORTUGAL	0	1	16	343	16	344
DOMINICAN REPUBLIC	13	5	104	272	117	277
GERMANY EAST	0	0	0	197	0	197
PERU	0	0	185	193	185	193
OMAN	0	0	0	190	0	190
VENEZUELA	0	15	74	165	74	180
SPAIN	2	4	600	175	602	179
FRANCE	63	120	42	0	105	120
USSR	48	103	130	0	178	103
ECUADOR	5	0	82	81	87	81
TANZANIA	0	0	255	76	255	76
SAUDI ARABIA	0	0	0	70	0	70
COLOMBIA	6	3	8	63	14	66
GERMANY WEST	32	31	3	5	35	36
HONDURAS	4	0	28	35	32	35
BERMUDA	0	0	16	33	16	33
ARGENTINA	0	15	0	17	0	32
HAITI	0	2	0	16	0	18
NETHERLANDS	1	12	0	4	1	16
POLAND	0	13	61	1	61	14
PARAGUAY	0	5	0	0	0	5
SOUTHWEST AFRICA	0	0	0	4	0	4
ANTIGUA ISLANDS	0	0	0	4	0	4
REP SOUTH AFRICA	3	0	32	0	35	0
NIGERIA	0	0	51	0	51	0
CAMEROON	0	0	42	0	42	0
MOROCCO	1	0	16	0	17	0
TURKEY	1	0	81	0	82	0
BULGARIA	24	0	342	0	366	0

Source: USDA Animal and Plant Health Service

TABLE 3.--DAIRY BREEDING CATTLE: INSPECTED FOR EXPORT FROM THE  
UNITED STATES BY BREED, SEX, AND COUNTRY OF DESTINATION  
CALENDAR YEARS 1976 AND 1977 - (HEAD)

BREED AND DESTINATION COUNTRY	MALES		FEMALE		TOTAL	
	1976	1977	1976	1977	1976	1977
<b>HOLSTEIN</b>						
CHILE	0	0	5	0	5	0
BAHAMAS	0	0	202	0	202	0
BRITISH WEST INDIES	0	0	43	0	43	0
PANAMA	39	0	159	0	198	0
<b>TOTAL:</b>	<b>501</b>	<b>667</b>	<b>51,582</b>	<b>67,431</b>	<b>52,083</b>	<b>68,098</b>
<b>JERSEY</b>						
COSTA RICA	0	1	136	505	136	506
MEXICO	3	1	291	304	294	305
CANADA	0	10	23	60	23	70
TANZANIA	0	6	0	61	0	67
DOMINICAN REPUBLIC	0	2	1	21	1	23
NICARAGUA	0	0	5	23	5	23
GUATEMALA	0	4	0	12	0	16
BRAZIL	1	0	0	12	1	12
EL SALVADOR	0	0	0	10	0	10
JAMAICA AND DEP	0	2	0	0	0	2
BERMUDA	0	0	0	1	0	1
JAPAN	1	0	1	0	2	0
ITALY	0	0	43	0	43	0
PARAGUAY	0	0	1	0	1	0
PANAMA	0	0	1	0	1	0
<b>TOTAL:</b>	<b>5</b>	<b>26</b>	<b>502</b>	<b>1,009</b>	<b>507</b>	<b>1,035</b>
<b>GRAND TOTAL:</b>	<b>1,015</b>	<b>1,403</b>	<b>55,301</b>	<b>70,902</b>	<b>56,316</b>	<b>72,305</b>

Source: USDA Animal and Plant Health Service

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FOREIGN COMMODITY ANALYSIS, FAS, USDA

TABLE 4--DAIRY BREEDING CATTLE: INSPECTED FOR EXPORT FROM THE UNITED STATES  
BY BREED AND STATE OF ORIGIN, CALENDAR YEAR 1977 - (HEAD)

STATE OF ORIGIN	AYRSHIRE	BROWN SWISS	GUERNSEY	HOLSTEIN	JERSEY	TOTAL BREEDS
WISCONSIN	0	584	I	9,978	74	10,637
CALIFORNIA	0	0	I	10,178	2	10,181
MISSOURI	0	0	5	5,703	192	5,900
TEXAS	0	781	3	4,886	25	5,695
MINNESOTA	0	76	0	4,981	I	5,058
CONNECTICUT	0	15	0	4,627	0	4,642
INDIANA	7	112	2	3,487	I2	3,620
IOWA	1	102	0	3,002	I	3,106
VERMONT	4	4	0	2,862	3	2,873
IDAHO	0	0	0	I,998	I	1,999
FLORIDA	0	304	0	I,545	I47	1,996
NEW YORK	39	125	36	I,741	9	1,950
WASHINGTON	0	0	18	1,865	II	1,894
ILLINOIS	0	20	I	I,770	I	1,792
NEBRASKA	0	0	0	I,764	0	1,764
TENNESSEE	0	0	0	I,478	27	1,505
OHIO	0	449	5	780	I64	1,398
PENNSYLVANIA	7	4	26	I,356	0	1,393
KANSAS	0	15	0	I,276	I	1,292
OKLAHOMA	0	60	0	498	0	558
WYOMING	0	0	0	325	30	355
ARKANSAS	0	I27	0	207	0	334
SOUTH DAKOTA	0	I	0	311	0	312
OREGON	0	9	8	231	0	248
NORTH CAROLINA	0	0	0	I63	65	228
ARIZONA	0	6	0	138	67	211
MAINE	5	0	0	I91	I	197
SOUTH CAROLINA	0	0	0	57	I35	192
KENTUCKY	0	I8	0	I53	I6	187
GEORGIA	0	65	0	85	7	157
VIRGINIA	0	9	14	I32	0	155
MARYLAND	0	0	I0	I13	0	123
MICHIGAN	0	0	0	74	0	74
ALABAMA	0	33	0	0	32	65
COLORADO	41	2	0	I1	0	54
NEW HAMPSHIRE	0	0	0	41	0	41
LOUISIANA	0	I	0	I9	0	20
NEW JERSEY	0	0	7	0	II	18
ALASKA	0	0	0	I4	0	14
MISSISSIPPI	0	0	0	I3	0	13
MASSACHUSETTS	0	0	I	10	0	II
NEW MEXICO	0	0	0	9	0	9
MONTANA	8	0	0	I	0	9
RHOE ISLAND	0	0	0	7	0	7
WEST VIRGINIA	0	0	0	6	0	6
NORTH DAKOTA	0	0	0	5	0	5
PUERTO RICO	0	0	0	4	0	4
UTAH	0	0	0	3	0	3
TOTAL	112	2,922	I38	68,098	1,035	72,305

Source: USDA Animal and Plant Health Service

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